

Gavyn Ezell

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EDUCATION

University of California – San Diego

2020 – 2024

Bachelor of Science, Computer Science

SKILLS

Languages: Typescript, Python, Dart, C++, C#, PHP, SQL, Java,

Frameworks and Libraries: Next.js, React, Tailwind, Flutter, FastAPI, NumPy, Pandas, Selenium, BeautifulSoup, Laravel, CUDA

Technologies: Git, Docker, Google Cloud Platform, AWS, Firebase, Supabase, MongoDB, Kafka, PostgreSQL, MySQL, Unity, Godot

EXPERIENCE

Coding Instructor

November 2024 – Present

iCode Bellevue

Bellevue, WA

- Teaching over 20 students foundational programming concepts and basic software practices through **JavaScript** and **Python**.

Software Engineering Intern

July 2023 - September 2023

GoFundMe

San Diego, CA

- Developed a real-time streaming pipeline using **FastAPI** and **Kafka** to standardize event streaming protocols for business analysis and machine learning teams.
- Collaborated with microservice teams to implement and test production-level event listeners in **PHP** and **Laravel**.

Software Intern

July 2022 - September 2022

VoLo Foundation

Remote

- Built a **Flask** app to centralize access to personal health data from various health wearables such as Dexcom, Fitbit, and Oura.
- Presented a live demo of the web app to the foundation's leadership, receiving feedback for its functionality and design to plan for future changes to the app.

PROJECTS

TwoFrame.gg - A tournament management website for video games

Founder

- Formed a small team of developers to make a full-stack **Next.js** site for managing video game tournaments.
- Designed a data schema and developed a fully functioning backend using **Supabase**.
- Wrote a script to properly generate and display double-elimination brackets that take into account fair seeding and double-jeopardy avoidance.

TabgMaps - Japan restaurant search website with navigation functionality

Backend Developer

- Wrote a web crawler using **Python** and **BeautifulSoup** to scrape and store data from over 300,000 restaurants in Japan
- Utilized **Google Cloud Run** to orchestrate web crawling in parallel, resulting in a 4x speedup of total scrape time
- Helped implement website's search and navigation functionality by combining **MongoDB's** geospatial querying with **Google Maps' Directions API**

Eventify - On campus event search and promotion website

Backend Developer

- Participated in ACM @ UCSD's Spring 2023 Project Group, working with 5 others to build a website using the **MERN** stack
- Designed and implemented a **RESTful API** using **Express.js** to handle authentication, and manage user and event information
- Utilized **AWS S3** for simple media storage